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DEPARTMENT OF AGRICULTURE AND MARKETS

BUREAU OF STATISTICS

STATISTICS RELATIVE TO

U. S. DEPT. OF AGRICULTURE

THE APPLE PROCESSING INDUSTRY

AUG 2 6 1964

IN NEW YORK STATE

ENT SERIAL RECORDS

This report presents statistics on the apple processing industry in New York State (including cider mills, canneries, freezing plants, evaporators, and other processors) for each crop year from 1952 through 1963.

New York State processors received 9.8 million bushels of apples in their plants in 1963 compared with 11.3 million bushels in 1962. Receipts in eastern New York were about one-third less than in 1962, while in western New York they were 13 percent smaller. About three percent of the total 1963 receipts, came from outside the State.

Fifty-nine percent of the apples processed were used for canning and applesauce, including baby food; 26 percent for cider and juice; and drying, freezing, and other products accounted for the rest. Statistics for the industry engaged in the daily preparation and shipment of fresh sliced apples to pie bakers are included here only when this operation takes place in or near the apple producing areas. In New York City (for which data are not included) this business is carried on quite extensively, using open market or contract purchases of apples throughout the year.

There were 157 plants making cider or other products during the 1963 season compared with 167 in 1962.

The Crop Reporting Service acknowledges with sincere appreciation the generous cooperation of the people in the apple processing industry whose reports have made possible this summary.

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Table 1. - Receipts and utilization of apples at processing plants, New York, crops of 1952-63

|      | :            | : Receipts from other | r : :              |             |
|------|--------------|-----------------------|--------------------|-------------|
| Crop | : Net        | : states and Canada   | : Used for cider : | Used for    |
| year | : receipts   | : (included in pre-   | : and :            | canning for |
|      | : <u>1</u> / | : ceding column)      | : apple juice :    | apple sauce |
|      |              | Bu                    | shels              | .,,         |
| 1952 | 5, 799, 700  | 295, 100              | 1,550,300          | 3,669,000   |
| 1953 | 7, 171, 000  | 314, 200              | 1, 940, 700        | 4, 484, 500 |
| 1954 | 9, 919, 300  | 39, 300               | 2, 839, 100        | 6, 231, 000 |
| 1955 | 8,719,700    | 81, 200               | 2,679,500          | 4,793,800   |
| 1956 | 7, 916, 600  | 231, 500              | 1, 428, 100        | 5, 375, 400 |
| 1957 | 7,320,600    | 393,700               | 1,493,800          | 4, 908, 900 |
| 1958 | 10, 157, 700 | 157,800               | 2,650,000          | 6,009,400   |
| 1959 | 8, 702, 100  | 241, 700              | 2, 376, 300        | 5, 231, 700 |
| 1960 | 7,616,500    | 93, 900               | 1,516,300          | 4, 909, 100 |
| 1961 | 11, 222, 700 | 118, 100              | 2,701,600          | 7,018,100   |
| 1962 | 11, 273, 500 | 205, 100              | 3,021,900          | 6,616,500   |
| 1963 | 9, 790, 200  | 335, 800              | 2, 512, 300        | 5, 684, 600 |

Table 1. - Receipts and utilization of apples at processing plants, New York, crops of 1952-63 - continued

| Crop | : | Used for | • | Used for    | • | Used for other |
|------|---|----------|---|-------------|---|----------------|
| year | • | drying   | • | freezing    | : | products 2/    |
|      |   |          |   | Bushels     |   |                |
| 1952 |   | 28,900   |   | 3,18, 700   |   | 232,600        |
| 1953 |   | 55, 200  |   | 297, 400    |   | 393, 200       |
| 1954 |   | 145, 200 |   | 435, 300    |   | 268,700        |
| 1955 |   | 221,500  |   | 695,600     |   | 329, 300       |
| 1956 |   | 104,500  |   | 580,600     |   | 428,000        |
| 1957 |   | 32,500   |   | 434, 700    |   | 450,700        |
| 1958 |   | 141,900  |   | 757,600     |   | 598,800        |
| 1959 |   | 77,300   |   | 788, 300    |   | 228, 500       |
| 1960 |   | 3/       |   | 886,000     | * | 305, 100       |
| 1961 |   | 120, 300 |   | 1,009,200   |   | 373, 500       |
| 1962 |   | 117,500  |   | 1,092,400   |   | 425, 200       |
| 1963 |   | 78,600   |   | 1, 135, 900 |   | 378,800        |

<sup>1/</sup> Apples received at a plant and then transferred to another plant for processing are included only in plant where processed. One bushel is assumed to equal 48 pounds.

<sup>2/</sup> Among other products for which these apples were used are jelly, apple butter, mincemeat, and fresh sliced apples for pies in upstate areas. Included also are small amounts of loss and shrinkage and some apples sorted out for sale as fresh fruit.

<sup>3/</sup> Included in other products to avoid disclosure of individual firm operations.

Table 2. - Cider and juice made, New York, from crops of 1952-63

| Crop | :        | 1                    |     |
|------|----------|----------------------|-----|
| year | : Cid    | er and juice pressed | ·   |
|      |          | Gallons              |     |
| 1952 |          | 10, 248, 300         | es. |
| 1953 |          | 12, 233, 200         |     |
| 1954 | <i>'</i> | 17, 151, 800         | ~   |
| 1955 |          | 16,622,100           |     |
| 1956 |          | 12, 101, 087         |     |
| 1957 |          | 11, 242, 400         |     |
| 1958 |          | 16, 527, 300         | *   |
| 1959 |          | 14, 799, 700         |     |
| 1960 |          | 12,813,800           |     |
| 1961 |          | 19, 876, 200         |     |
| 1962 |          | 19, 307, 300         |     |
| 1963 |          | 18, 247, 300         |     |

Table 3. - Average price paid for apples, by type of processing plant, New York, 1952-63 1/

| Crop | :                 | Average price paid for | apples by  |
|------|-------------------|------------------------|------------|
| year | : Cider and juice |                        | All plants |
|      | : plants          | : freezers :           | All plants |
|      |                   | Dollars per 100 pounds |            |
| 1952 | 1.24              | 3.34                   | 2.77       |
| 1953 | 1.48              | 4.44                   | 3.59       |
| 1954 | . 92              | 3.70                   | 2.86       |
| 1955 | .62               | 1.75                   | 1.41       |
| 1956 | 1.09              | 3.56                   | 3.12       |
| 1957 | . 85              | 2.37                   | 2.06       |
| 1958 | .75               | 1.69                   | 1.49       |
| 1959 | . 78              | 2.00                   | 1.70       |
| 1960 | 1.12              | 2.81                   | 2.45       |
| 1961 | . 97              | 2.01                   | 1.80       |
| 1962 | 1.11              | 2.24                   | 1.92       |
| 1963 | 1.49              | 2.60                   | 2.30       |

<sup>1/</sup> Prices are weighted by the quantities of apples used by the individual plants within each district, as well as by the importance of the several districts.

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Table 4. - Receipts of apples and utilization for cider and juice in eastern and western New York plants, crops of 1961-1963

|                               | : All processing plants : and cider mills |              |             |  |  |  |  |
|-------------------------------|---|--------------|-------------|--|--|--|--|
| Item                          |   |              |             |  |  |  |  |
|                               | : 1961                                    | : 1962       | : 1963      |  |  |  |  |
|                               |   | Bushels      |             |  |  |  |  |
| Receipts, net 1/:             |   |              |             |  |  |  |  |
| Eastern New York              | 955, 100                                  | 1, 110, ±400 | 950,013     |  |  |  |  |
| Western New York              | 10, 267, 600                              | 10, 163, 100 | 3,840,200   |  |  |  |  |
| Total New York                | 11, 222, 700                              | 11, 273, 500 | 9, 790, 200 |  |  |  |  |
| Utilized for cider and juice: |   |              |             |  |  |  |  |
| Eastern New York              | 495,700                                   | 581,800      | 546,400     |  |  |  |  |
| Western New York              | 2, 205, 900                               | 2, 440, 100  | 1, 965, 900 |  |  |  |  |
| Total New York                | 2, 701, 600                               | 3, 021, 900  | 2, 512, 300 |  |  |  |  |
|                               |   |              |             |  |  |  |  |

<sup>1/</sup> Apples received at a plant and then transferred to another plant for processing are included only for the plant where processed.

Table 5. - Apple processing plants in operation and establishments making specified products, New York, crops of 1952-63

|      | : |           | : | Plants making <u>1</u> / |    |          |     |          |   |          |
|------|---|-----------|---|--------------------------|----|----------|-----|----------|---|----------|
| Crop | : | Plants in | • | Cider                    | :  | Canned   | :   | Frozen   | • | Dried    |
| year | : | operation | : | and                      | ** | apple    | :   | apple    | • | apple    |
|      | : |           | : | juice                    | :  | products | 2/: | products | • | products |
| 1952 |   | 219       |   | 180                      |    | 23       |     | 8        |   | 9        |
| 1953 |   | 230       |   | 193                      |    | 26       |     | 5        |   | 5        |
| 1954 |   | 226       |   | 182                      |    | 24       |     | 11       |   | 11       |
| 1955 |   | 225       |   | 177                      |    | 25       |     | 10       |   | 14       |
| 1956 |   | 212       |   | 165                      |    | 24       |     | 11       |   | 10       |
| 1957 |   | 210       |   | 163                      |    | 22       |     | 12       |   | 9        |
| 1958 |   | 200       |   | 153                      |    | 21       |     | 12       |   | 8        |
| 1959 |   | 191       |   | 151                      |    | 22       |     | 14       |   | 6        |
| 1960 |   | 167       |   | 133                      |    | 21 _     |     | 12       |   | 3        |
| 1961 |   | 162       |   | 127                      |    | 19       |     | 13       |   | 3        |
| 1962 |   | 167       |   | 136                      |    | 17       |     | 11       |   | 3        |
| 1963 |   | 157       |   | 117                      |    | 17       |     | 11       |   | 3        |

<sup>1/</sup> The total of the establishments making specified products may not exactly equal the number in operation, because a plant may make more than one of the listed products, or may make other products than those included in this table.
2/ Includes canned apple slices, applesauce, baby food, etc.